Title: NOTIFICATION DEVICE FOR A GRAPHICAL USER...
Docket   : ZAPME-01014US1   Inventor(s): Clayton WISHOFF
Serial   - 09/905,086   Agent: Karl Kenna
Confi   ) 3518   Phone: (415) 362-3800
Filed: July 13, 2001
                        Sheet 1 of 5

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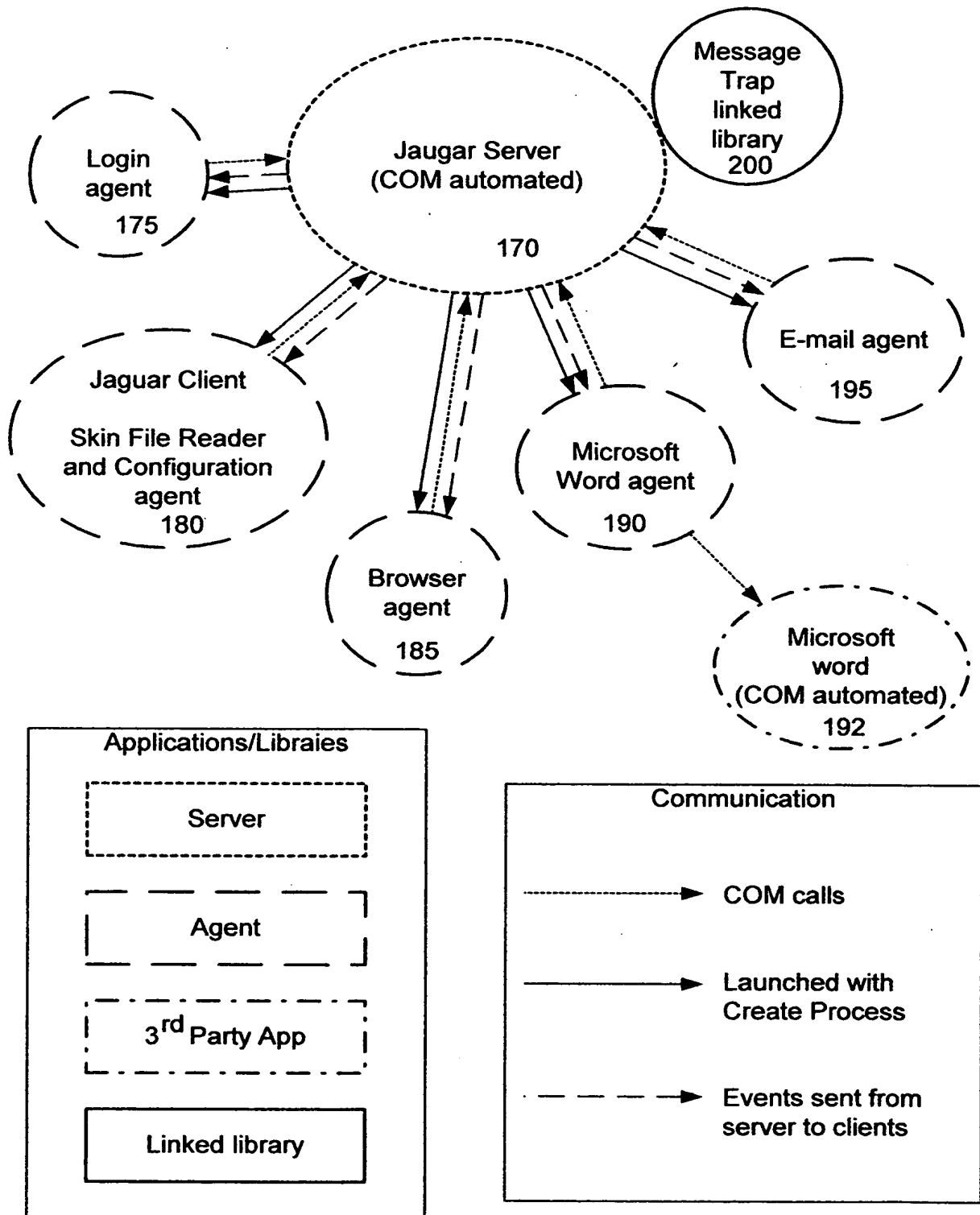
FIG. - 1

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FIG. - 2

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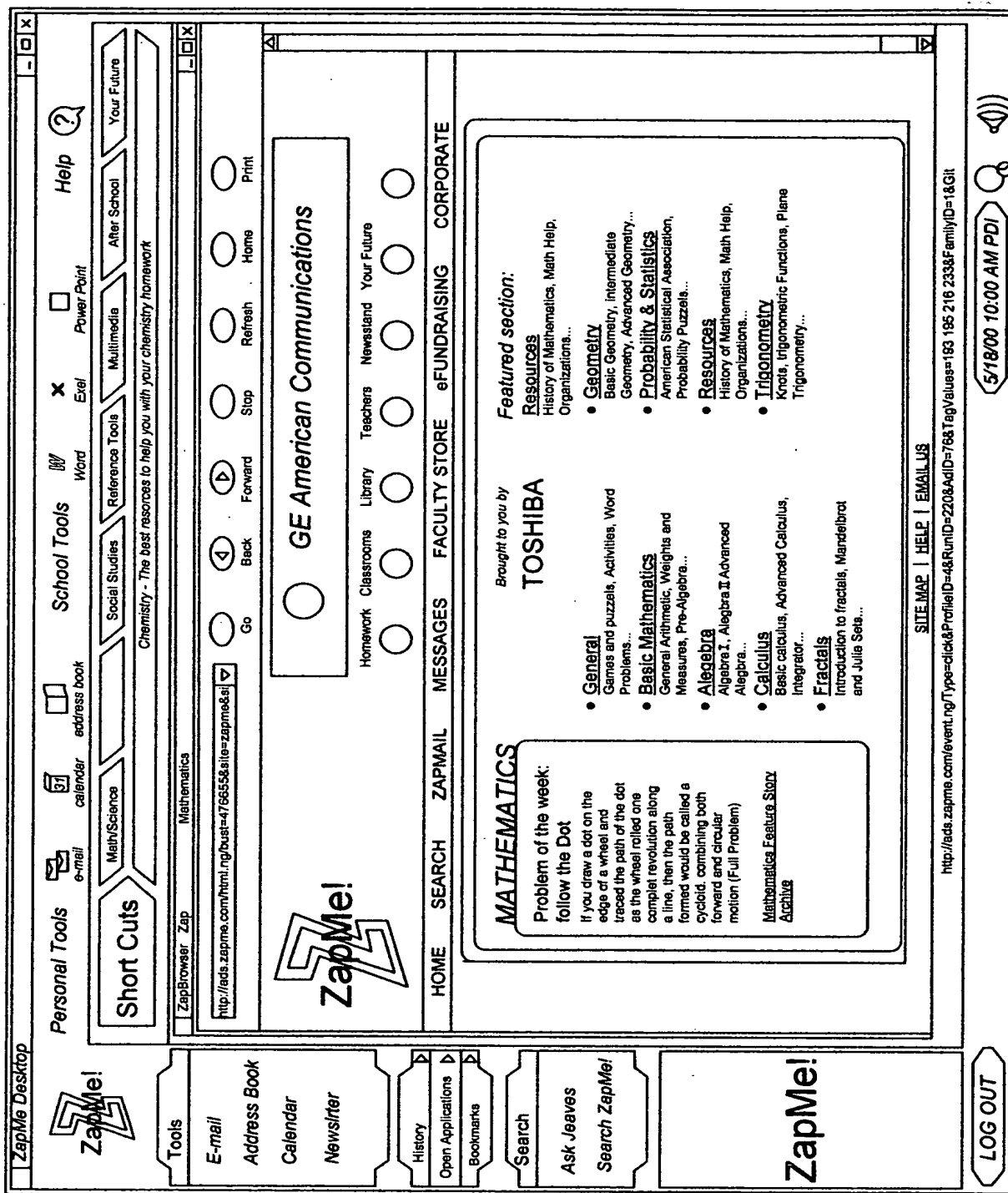Filed: July 13, 2001

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FIG. - 3

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Server notifies the clients of events via an event sink

This is a COM term and is accomplished when the Server has a list of events
it declares with unique Dispatch Id's, i.e.   310

DISP_FUNCTION(CEventNotifySink,"ZapTickerTapeBeginMessage",
ZapTickerTapeBeginMessage,VT_EMPTY,VTS_14VTS_14VTS_14)   315

Client then includes the same event and responds to events sent by the server
320

#define ZapTickerTapeBeginMessageAction JagPerformAction(TickerTapeHandle,:
:ZapTickerTapeBeginMessage);   325

Client instructs the server to create the Ticker Tape and its message by calling its
exposed COM calls   330

ZapTickerTapeCreate(ZapResourceFileresourceFilehandle, short bgBitmapID,
ZapAnchor anchor, short xPos, short yPos, short width, short height, ZapUserData
userData, ZapOwnerID ownerID, ZapTickerTape *pTickerTapeHandle);   335

HRESULT CjagTickerTapeMessageAPI:ZapTickerTapeMessageAdd
(ZapTickerTape tickerTapeHandle, LPCTSTR message, long displayCount,
ZapPriority priority, ZapUserData userData, zapOwnerID ownerID
ZapTickerTapeMessage *pTickerTapeMessageHandle)   340

Client may change the size, font, location etc. of the TickerTape with these
COM calls   345

FIG. - 4

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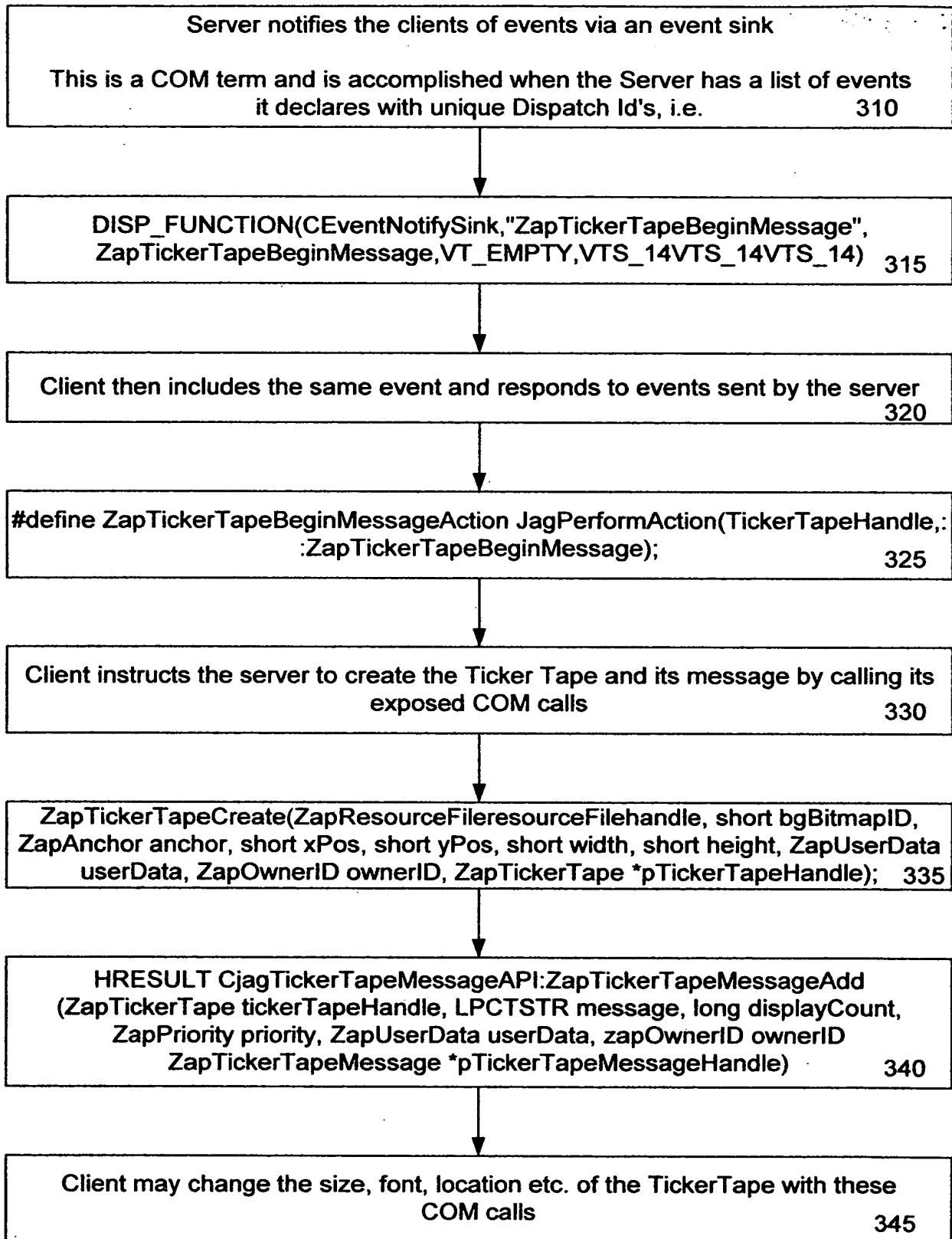Filed: July 13, 2001
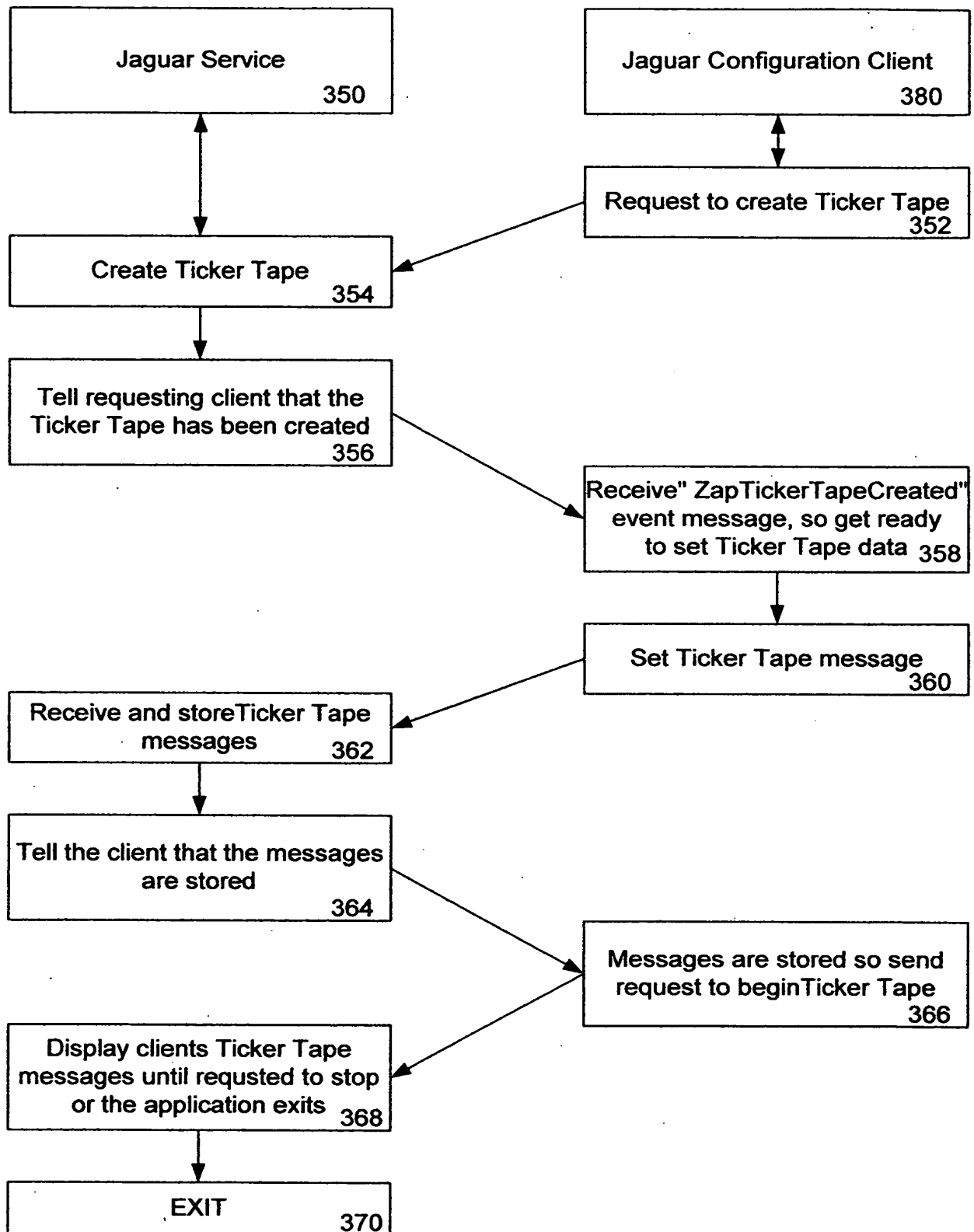Sheet 5 of 5

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Jaguar Service

350

Jaguar Configuration Client

380

Request to create Ticker Tape
352

Create Ticker Tape
354

Tell requesting client that the Ticker Tape has been created
356

Receive" ZapTickerTapeCreated" event message, so get ready to set Ticker Tape data 358

Set Ticker Tape message
360

Receive and storeTicker Tape messages   362

Tell the client that the messages are stored
364

Messages are stored so send request to beginTicker Tape
366

Display clients Ticker Tape messages until requsted to stop or the application exits 368

EXIT   370

FIG. - 5